

December 1, 1988

TO: File

FROM: D. Wayne Hedberg, Reclamation Hydrologist *DWH*

RE: Field Inspection, 5 M Incorporated, Silver Reef Mine,
M/053/002, Washington County, Utah

On December 1, 1988, Division staff members Wayne Hedberg, Holland Shepherd and Scott Johnson visited the Silver Reef Mine Site. The purpose of the field visit was to acquire additional information regarding surface disturbance that will be used to finalize a reclamation estimate for the Silver Reef Mine. Principle areas of interest were the open pits that have been mined by 5 M Inc. to obtain the silver ore for processing in the heap leaching operation.

Mr. Jerry Glasier, the operator of the mine site, was contacted prior to our field inspection. He advised me that he would not be able to meet with us on site but to go ahead and enter the property and perform the required inspection.

A number of pictures were taken of the 5 M Inc. facilities which included the heap leach ponds, the residual evaporite deposits which remain in them and the pits which were associated with the operators activities on site. Division staff also recorded the serial numbers off from the transformers which remained at the power electrical substations on site. These serial numbers will be checked with the manufacturer to see if the transformers may contain PCB's which will require a significant increase in the reclamation bond to assure proper testing and disposal.

The Silver Reef Leeds area is an historic mining region and there is significant mining-related surface disturbances remaining in and around the 5 M Inc. mine site. Many excavations, old foundations, pits and shafts still exist in the area; some are fenced, some remain open with no public protection provided. Because of the complexity of the historic mining which has taken place, it is very difficult to determine proper ownership and responsibility for the majority of these past disturbances. Several pictures were taken of these older pre-law disturbances with the intent of discussing the same with our Abandoned Mine Reclamation Program.

jb
cc: Charlie Dietz, BWPC
Lowell Braxton
Minerals Team
Field File
MN2/26